

**OVER FASCIA VENTILATION & EAVES PROTECTION SYSTEM**

FloPlast offer a range of ventilation options which comply with the current Building Regulations 1991 (England and Wales) requirement F2, the Building Regulations (Northern Ireland) 1990 and NHBC recommendations.

The regulations are designed to limit condensation risks in a roof void constructed above an insulated ceiling.

Available in 1.5 metre lengths, **Eaves Protection System** can be used for refurbishment projects to replace rotted gutter felt and, in new build applications, it reduces long term eaves maintenance problems by directing water away from the underlay into the gutter.

It also supports the underlay which prevents 'ponding' behind the fascia board.

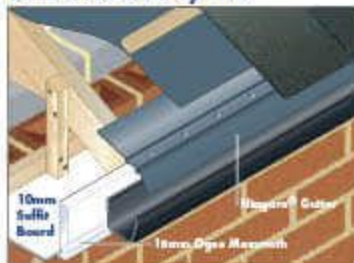
Adjoining strips should be overlapped by 150mm and fixed at 200mm centres.

**Over Fascia Vent Strip**

Available with the equivalent of 10mm and 25mm continuous air gap to suit current regulations.

The 10mm is supplied in 5 metre packs, each section measuring 28mm H x 35mm D x 500mm L interlinks and has fixing points for ease of installation.

**Over Fascia Ventilation and Eaves Protection System**



The 25mm is supplied in 1 metre sections with 5 metres to a pack measuring 38mm H x 48mm D x 1000mm L.

Because of the added height, when using over fascia ventilation, an allowance to reduce the size of the fascia board should be considered.

Pitched Roof	Allowance	
	10mm	25mm
15° - 50°	10mm	25mm
51° - 65°	20mm	35mm
56° - 60°	30mm	45mm
61° - 65°	35mm	50mm
66° - 70°	40mm	55mm

Over fascia vent strip has an integral inhibitor to exclude large insects and vermin from the roof void.

6.5mm x 3.35mm diameter galvanised steel nails, fixed at 200mm centres should be used to fix the **Over Fascia Ventilation System**.

Pre-Vented Soffit boards are also available with the equivalent of 10mm and 25mm continuous air gap. The disc, double disc and soffit ventilator strips add variety and flexibility for the specifier and installer ensuring building regulations are met in all situations.



<b>Soffit Ventilator</b>		CODE: RT24	<b>Disc Soffit Hole Cutter</b>		CODE: RT25 SIZE: 100mm PART: 76
<b>Disc Soffit Ventilator</b>		CODE: RT25	<b>Over Fascia Ventilation</b>		CODE: RT26 SIZE: 100mm PART: 10
<b>Double Disc Soffit Ventilator</b>		CODE: RT26	<b>Eaves Protection System</b>		CODE: RT27 SIZE: 100mm PART: 1000
<b>Soffit Ventilator with Mesh</b>		CODE: RT27			

**CLADDING SYSTEMS**

The FloPlast PVC-UE Cladding Systems are suitable for external use on buildings as a decorative and protective facing, fixed vertically, horizontally or diagonally over both brick, block, masonry and timber framed walling. When installed correctly this will reduce thermal loss by providing an additional external barrier.

Available in two designs (**Shiplap** and **Open Vee**) resembling existing timber profiles. The weather tight joint provided prevents penetration from the elements.

The systems are completed with a range of trims to suit all applications.

The tough and durable finish has a high impact strength and a weather resistant skin which requires little maintenance to retain its excellent appearance.





When ordering please add colour reference to code required, eg. C150 WM

**Woodgrain PVCUE Cladding System**

<b>150mm Shiplap Cladding</b>	<b>Drip Trim</b>	CODE: C150	CODE: C14
<b>100mm V Joint Cladding</b>	<b>External Corner Foiled</b>	CODE: C100	CODE: C15
<b>Exp. Edge Fin</b>	<b>Internal Corner Foiled</b>	CODE: C11	CODE: C16
<b>Starter Trim</b>	<b>Centre Joint Fin</b>	CODE: C12	CODE: C17
<b>Universal Channel</b>	<b>150mm Butt Joint Fin</b>	CODE: C13	CODE: C18

**Rating: A4 Stainless Steel Cladding Pins**

<b>Clad Pin (Metric Grade)</b>	CODE: C19	SIZE: 30
	CODE: C20	SIZE: 30

All Batten and Trim are manufactured in 3 metre lengths.



**White Cladding System**

<b>150mm Shiplap Cladding</b>	<b>Drip Trim</b>	CODE: C150	CODE: C14
<b>100mm V Joint Cladding</b>	<b>Internal/External Corner</b>	CODE: C100	CODE: C15
<b>Exp. Edge Fin</b>	<b>Centre Joint Fin</b>	CODE: C11	CODE: C17
<b>Starter Trim</b>	<b>150mm Butt Joint Fin</b>	CODE: C12	CODE: C18
<b>Universal Channel</b>		CODE: C13	

**Rating: A4 Stainless Steel Cladding Pins**

<b>Clad Pin (Metric Grade)</b>	CODE: C19	SIZE: 30
	CODE: C20	SIZE: 30

All Batten and Trim are manufactured in 3 metre lengths.



**Horizontal Fixing**

FloPlast 150mm Shiplap and 100mm V Joint Cladding, should be fixed at centres not exceeding 600mm. If installation is to be above second storey height, then this should be reduced to 400mm. When installing laminated woodgrain products, fixing centres should also be a maximum of 400mm.

Working from a level line, the starter Trim is fixed to timber studs or battens using the specified 30mm cladding pins. All other framing trims are then fitted. Where two-part Trims are required (external and internal corners, or top edge trim), only the back half is fixed at this stage.

The bottom cladding plank is then located firmly in the starter Trim and vertical Trims, and fixed into place using the specified 30mm cladding pins, starting at one end, or working from the centre outwards. At the end of each plank a 5mm gap should be allowed for expansion.

Where necessary, trims and planks are cut to size and shape (e.g. along the verge) with a fine toothed saw.

Subsequent planks are fitted into the preceding planks, ensuring that the tongue-and-groove joint is firmly closed, and nail heads are concealed. If it becomes necessary to cut the top plank to fit the remaining space, then off cuts of Cladding should be placed behind the cut plank at each fixing centre.

Where sections longer than 5m are to be clad, Butt Joints of adjacent cladding planks should be concealed with an individual butt joint trim or by a centre Joint Trim fixed to a batten or stud, and a 10mm expansion gap should be allowed between the planks. For aesthetic reasons the positioning of any centre Joint Trims should be taken into account at the planning stage.

Where two-part trims have been used, fastening the front part of the Trim completes the installation.

**Ventilation**

A minimum clear air space of 25mm must be provided behind the cladding, and this can be achieved, by using 25 x 38mm recommended battens. If insulation material is used the gap must be kept clear to allow air to circulate at all times.

**Weatherproofing**

The FloPlast cladding system is not air or water vapour tight, but will withstand normal weather conditions owing to its interlocking joint. It is advised that when used on timber studding, or walls which are not fully weathertight or subject to exposed conditions, that the system should be backed by a vapour permeable membrane complying with BS4016 : 1997. Requirements for drainage must be made to allow for any driving water that has penetrated. To achieve this 10mm holes should be positioned every metre in the horizontal lower batten.

